

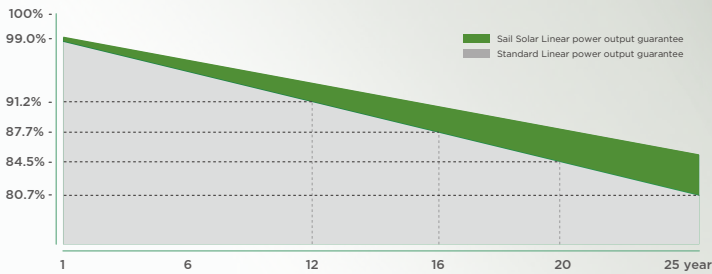
Hi Pro **4** ALL BLACK

390~410W

182mm Cells Mono
PERC with MBB & Half-cut
Technology

12 12-year Warranty for Materials and Processing

25 25-year Warranty for Extra Linear Power Output



21.00%
Max Module Eff.

0~+5W
Positive Tolerance

P Higher Module Conversion Efficiency

EXCELLENCE Excellent Durability

LOW DEGRADATION Low Power Degradation

LOW IRRADIANCE Excellent Low Irradiance Performance

PID Excellent An-PID, Low LID Performance

HOT Reduced Hot Spot Risk



Complete System and Product Certifications

*IEC 61215, IEC 61730, UL 61730
*ISO 9001:2008:ISO Quality Management System
*ISO 14001: 2004:ISO Environment Management System
*OHSAS 18001: 2007 Occupational Health and Safety
*Specifications subject to technical changes and tests. Sail Solar reserves the right of interpretation.



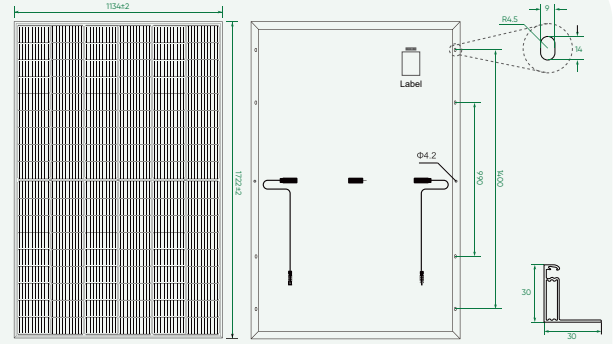
Hi Pro 4 ALL BLACK

390~410W

Mechanical Parameters

Cell Orientation	108 (2x54)
Junction Box	IP68, three diodes
Output Cable	4mm ² , 300mm in length, length can be customized
Glass	Single glass 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	20.5kg±3%
Dimension	1722x1134x30mm
Packaging	36pcs per pallet 936pcs per 40'ft Container 216pcs per 20'ft Container

Operational Temperature	-40°C~+85°C
Power Output Tolerance	0~+5W
Voc & Isc Tolerance	±3%
Max. System Voltage	DC1500V(IEC/UL)
Max. Series Fuse Rating	25A
NOCT	45±2°C
Safety Class	II
Fire Rating	UL type 1 or 2
Max. Static Load(Front)	5400Pa
Max. Static Load(Back)	2400Pa



*Units: mm *Tolerance: ±2mm

Electrical Characteristics

Model Number	SAS390M-108HB		SAS395MN-108HB		SAS400M-108HB		SAS405M-108HB		SAS410M-108HB	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	390	294	395	298	400	302	405	306	410	310
Open Circuit Voltage (Voc/V)	36.85	34.62	36.98	34.75	37.07	34.88	37.23	35.12	37.32	35.23
Short Circuit Current (Isc/A)	13.61	10.89	13.70	10.96	13.79	11.03	13.87	11.10	13.95	11.16
Voltage at Maximum Power (Vmp/V)	30.64	28.87	30.84	29.08	31.01	29.26	31.21	29.47	31.45	29.72
Current at Maximum Power (Imp/A)	12.73	10.18	12.81	10.25	12.90	10.32	12.98	10.38	13.04	10.43
Module Efficiency(%)	19.98		20.23		20.49		20.74		21.00	
Temperature Coefficient of Isc										
Temperature Coefficient of Voc										
Temperature Coefficient of Pmax										

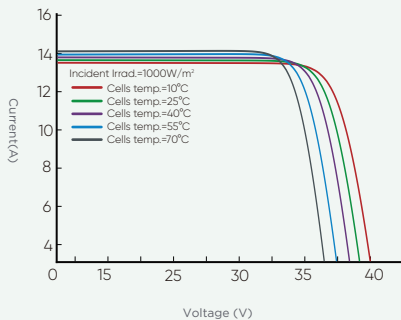
* STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, Spectra at AM1.5

* NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/S

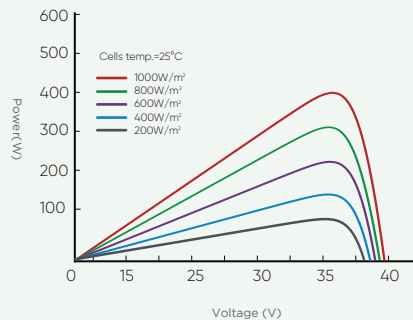
*Test uncertainty for Pmax: ±3%

V-Curve (SAS400M-108HB)

Current-Voltage Curve



Power-Voltage Curve



Current-Voltage Curve

